

## WG13 Issues - CIM Issues #4802

### Alternate modelsIssue from Jim Waight about EMS model and

09/14/2021 03:47 PM - Herbert Falk

<b>Status:</b>	Review	
<b>Priority:</b>	Low	
<b>Target version:</b>		
<b>Author/Contact Info:</b>	wg 13 - CIM for Planning - by Kendall Demaree	<b>Standard(s):</b>
<b>Base Release:</b>		<b>Version:</b>
<b>Solution to be Applied To:</b>		<b>Clause:</b>
<b>Solution Version:</b>		<b>Sub-Clause:</b>
<b>Solution Applied By:</b>		<b>Paragraph:</b>
<b>Completion Date:</b>		<b>Table:</b>
<b>CIM Keywords:</b>		<b>Originally Closed in Version:</b>
<b>Breaking Change:</b>	No	<b>Origination Date:</b> 01/29/2008
<b>Breaking Change Description:</b>		<b>Origination ID:</b> 705
<b>CIM Impacted Groups:</b>	WG13	<b>Originally Assigned To:</b>
<b>Requestor:</b>		
<b>Description</b> Alternate models Issue from Jim Waight about EMS model and planning model having different levels of detail. This can be along voltage level or some other means. There might also be similar issues on difference between SCADA and network analysis in the EMS model. Similar issue on dynamics analysis (often further reduced) and the steady state network analysis models. CALISO has two models - concept of model type - multi model maintenance tool. There was paper presented at IEEE last year		
<b>Proposed Solution</b> Does a single exchange need to provide multiple views. Review CALISO solution. Requirement not clear right now. Make use case more clear. IEEE paper need circulation and to be reviewed.  2010-12-07/LOO This is a complex and unclear issue. The ENTSO-E DACF data exchange touches on the same problem with model boundaries. This need an own project for its solution where the use case is first elaborated.  Close this issue - Oslo 15 June 2023.		
<b>Decision</b> (2014-06-10 WG13/14 meeting) This is in process of being worked out by addressing with "frames" model.		

### History

#### #1 - 02/07/2023 11:04 AM - Chavdar Ivanov

- Subject changed from Alternate models Issue from Jim Waight about EMS model and to Alternate modelsIssue from Jim Waight about EMS model and
- Status changed from Open to Review
- Proposed Solution updated
- Decision updated

Propose to close the issue as it is not concrete enough. We have general directions to support alternative models.

**#2 - 06/15/2023 05:04 AM - Pat Brown**

*- Proposed Solution updated*

Oslo - 15 June 2023 - Agree with notes above - Is covered by current modeling approaches using Frames, Boundaries and the understanding that a foundational capability of grid model management tools is the creation of planning models from detailed master models. Issue should be closed.